

Title (en)
HIGH FREQUENCY SWITCHING CIRCUIT

Publication
EP 0058400 B1 19860521 (EN)

Application
EP 82101021 A 19820211

Priority
JP 2193781 A 19810217

Abstract (en)
[origin: EP0058400A2] A switching element (12), a transformer (13) having a primary winding (13₂) connected through said switching element (12) to a DC power supply (11) and a resonance capacitor (14) connected in parallel with the primary winding of said transformer constitute a single-ended switching circuit. A magnetic amplifier (20) is connected between the secondary side circuit of the transformer (13) of the single-ended switching circuit and a rectifying/smoothing circuit (24), thus forming a high frequency switching circuit.

IPC 1-7
H02M 3/325; **H02M 3/24**

IPC 8 full level
H03K 17/64 (2006.01); **H02M 3/28** (2006.01); **H02M 3/335** (2006.01)

CPC (source: EP US)
H02M 3/33538 (2013.01 - EP US)

Cited by
EP0474471A3; USRE36571E; US5231563A; EP0068463A3; USRE37510E; US10199950B1; US10594223B1; US11075583B1; US11705820B2

Designated contracting state (EPC)
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